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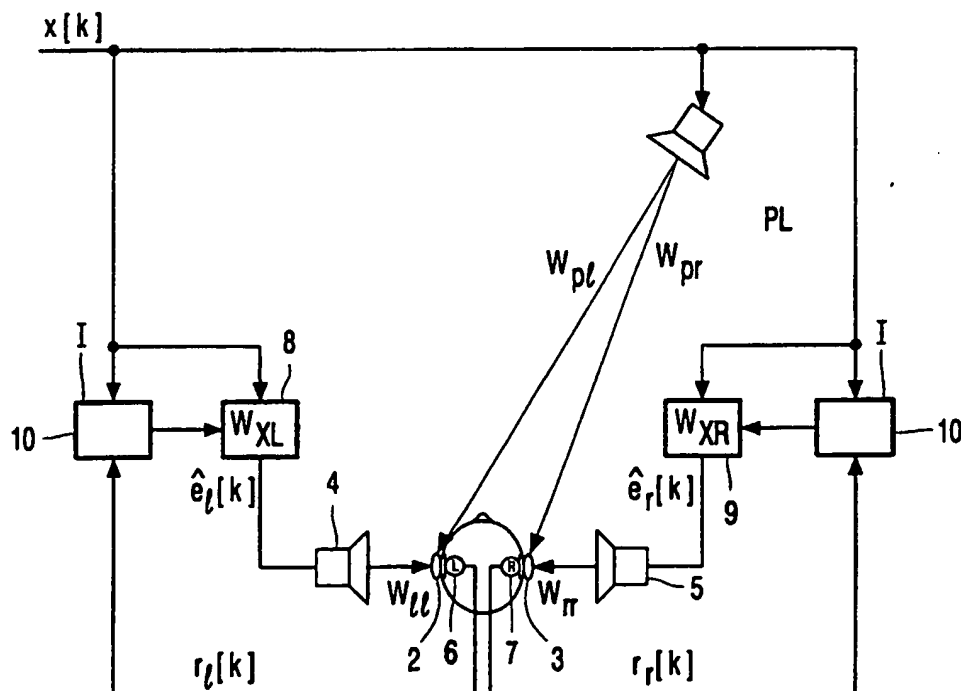
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(54) Title: **HEADPHONES WITH INTEGRATED MICROPHONES**



(57) Abstract: A sound reproduction system comprises headphones (11). Said headphones comprise means for generating sound (4, 5) and microphones (6, 7) (i.e. means for recording sound). Further the system comprises filter means (8, 9) to filter a signal such that the sound produced simulates external sound sources. The system comprises a feed-back and control system (10) in which a signal $\hat{e}_l[k]$ from the microphone (6, 7) is used to set the settings W_{LL} and W_{RR} of the filter means (8, 9).

WO 01/49066 A3

INTERNATIONAL SEARCH REPORT

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A. CLASSIFICATION OF SUBJECT MATTER

IPC 7 H04R1/10 H04R5/033 H04S1/00

According to International Patent Classification (IPC) or to both national classification and IPC

B. FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols)

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Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

Electronic data base consulted during the international search (name of data base and, where practical, search terms used)

EPO-Internal, PAJ, WPI Data

C. DOCUMENTS CONSIDERED TO BE RELEVANT

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Y	---	3-7
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☒ Further documents are listed in the continuation of box C.

☒ Patent family members are listed in annex.

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